

§Appl. No. 10/076,421
Amdt. dated September 13, 2004
Reply to Office Action of, April 13, 2004

In the Specification:

Please amend the specification as follows:

On page 7, the second full paragraph has been amended as follows:

Fig. 1 (a-d) illustrates the primary structures of the urokinase-type plasminogen activator and ATF. (a) sc-uPA; (b) HMW-uPA; (c) LMW-uPA; (d) ATF.

On page 7, the eighth full paragraph has been amended as follows:

Fig. 7 is a graph illustrating anti-HIV activity of the eluate fractions from a hydroxyapatite column and the protein concentration corresponding to the fractions. Closed squares represent the anti-viral activity of the fractions as determined using ELISA of p17 antigen released in the culture supernatant. The phantom line represents the UV absorption curve of the eluate, and the ascending line represents the concentration of the potassium phosphate corresponding to each fraction.

On page 7, the ninth full paragraph has been amended as follows:

Fig. 8 is a SDS/PAGE electropherogram of the eluate fractions from a hydroxyapatite column. An 18 KDA band ("ATF") was present in fractions exhibiting anti-HIV activity.

On page 7, the tenth full paragraph has been amended as follows:

Fig 9 is a graph illustrating anti-HIV activity of the eluate fractions from a HiPrep Sephacryl S-100 column loaded with a human urine urokinase bulk material an the protein concentration corresponding to the fractions. Closed

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squares represent the anti-viral activity of the fractions as determined using ELISA of p17 antigen released in the culture supernatant. The phantom line represents the UV absorption curve of the eluate, and the ascending line represents the concentration of the potassium phosphate corresponding to each fraction.

On page 7, the eleventh full paragraph has been amended as follows:

Fig. 10 is a SDS/PAGE electropherogram of the eluate fractions from a HiPrep Sephacryl S-100 column loaded with human urine urokinase bulk material. The arrowhead indicates the molecular band where HMW, LMW and ATF, respectively migrate.